07/29/2004 09/871,390

```
Set
        Items
               Description
S1
      1668841
               CU OR COPPER
      109027
               CUPROUS()OXIDE OR CU2O OR COPPER()OXIDE OR CU()O
S2
              (COMPOSIT? ? OR MIXTURE? ? OR MIX OR BLEND?) (3N) MATERIAL? ?
s3
       429071
              (HEAT? OR WARM? OR HOT? OR CALEFACT? OR TORREFACT? OR PYRO-
S4
       209314
            L? OR SINTER? OR CALCIN? OR AUTOCLAV? OR THERMOL? OR THERMAL?
            OR PREHEAT? OR MELT? OR FUSE? OR FUSING? ? OR FUSION?)(3N)(EX-
             PANS? OR EXPAND?)
               (HEAT? OR WARM? OR HOT? OR CALEFACT? OR TORREFACT? OR PYRO-
S5
       269760
            L? OR SINTER? OR CALCIN? OR AUTOCLAV? OR THERMOL? OR THERMAL?
             OR PREHEAT? OR MELT? OR FUSE? OR FUSING? ? OR FUSION?)(3N)CON-
             DUCTIV?
S 6
     1885408
               GOLD OR AU
      703784
               SILVER OR AG
s7
S8
     3181437
               ALUMINUM OR ALUMINIUM OR AL
       71946
S 9
               TIN()OXIDE OR SNO OR SN()O
S10
       29601
               LEAD()OXIDE OR PIGMENT()YELLOW OR LEAD()MONOXIDE OR LEAD()-
            PROTOXIDE OR LITHARGE OR LITHARGE()YELLOW OR PLUMBOUS()OXIDE -
             OR NICKEL()OXIDE OR NICKELOUS()OXIDE
S11
       397907
               SINTER?
S12
     1607901
               PLASTIC? ?
     1670888
               S1:S2
S13
S14
      23611
               S13 AND S3
               S14 AND S4
S15
        1105
               S15 AND S5
S16
         418
               S16 AND (S6 OR S7 OR S8)
         149
S17
               S17 AND S10
S18
          3
           3
S19
               RD (unique items)
S20
        146
               S17 NOT S18
         20
               S20 AND S11
S21
          0
3
3
S22
               S21 AND S9
               S21 AND S12
S23
S24
               RD (unique items)
S25
          17
               S21 NOT S23
S26
          16
               RD (unique items)
S27
        126
               S20 NOT S21
        11
S28
               S27 AND S12
          11
S29
               RD (unique items)
S30
        115
               S27 NOT S28
S31
          0
               S30 AND S9
```